

KHUDOSOVTSY, N.M.

Achievements of miners in mines under the Lugansk Economic Council.
Ugol' 36 no.2:60 F '61. (SIRA 14:2)

1. Predsedatel' Luganskogo sovmarkhoza.
(Lugansk Economic Council--Coal mines and mining)

KHUDOSOVTSSEV, N.M.

Results of the operations of the coal mining industry in the
Lugansk Economic Region during the period from 1956-1960. Ugol'
36 no.8:19-22 Ag '61. (MIRA 14:9)

1. Predsedatel' Luganskogo sovnarkhoza.
(Lugansk Province--Coal mining industry)

KHUDOSOVTSSEV, N.M.

New record. Ugol' 37 no.3:15 Mr '62.

(MIRA 15:2)

1. Predsedatel' Luganskogo sovnarkhoza.
(Donets Basin--Coal mines and mining--Labor productivity)

KHUDOSOVTSSEV, N.M.; IVANOVSKIY, G.I.; SHIL'DKROT, M.A.; SLIVINSKIY, A.I.,
~~inzh.~~; KASHUBA, V.A.

Contribution of construction workers to the creation of a material
and technical foundation for communism. Prom. stroi. 39 no.9:
10-29 '61. (MIRA 14:10)

1. Predsedatel' Luganskogo sovnarkhoza (for Khudosovtsev). 2.
Predsedatel' Zaporozhskogo sovnarkhoza (for Ivanovskiy). 3. Zame-
stitel' predsedatelya Sverdlovskogo sovnarkhoza (for Shil'dkrot).
4. Zamestitel' predsedatelya Dnepropetrovskogo sovnarkhoza (for
Slivinskiy). 5. Zamestitel' predsedatelya sovnarkhoza Altayskogo
kraya (for Kashuba).

(Industrial buildings) (Construction industry)

KHUDOSOVTSSEV, N.M.

Our main objective. Bezop.truda v prom. 6 no.6:1-2 Je '62.

(MIRA 15:11)

1. Predsedatel' Luganskogo soveta narodnogo khozyaystva.
(Lugansk Province--Coal mines and mining)

KHRUSHCHEV, N.S.; PODGORNYY, N.V.; ZASYAD'KO, A.F.; RUDAKOV, A.P.; KAZANETS, I.P.; SHILIN, A.A.; MEL'NIKOV, N.V.; BURMISTROV, A.A.; SHEVCHENKO, V.V.; MAYAKOV, L.I.; ROZENKO, P.A.; KUZ'MICH, A.S.; ZADEMIDKO, A.N.; BRATCHENKO, B.F.; STRUYEV, A.I.; KRASNIKOVSKIY, G.V.; BGYKO, A.A.; KAGAN, F.Ya.; USKOV, A.A.; VLADYCHENKO, I.M.; TOPCHIYEV, A.V.; DEGTYAREV, V.I.; KHUDOSOVTSSEV, N.M.; GRAFOV, L.Ye.; IVANOV, V.A.; KRATENKO, I.M.; GOLUB, A.D.; IVONIN, I.P.; SAVCHENKO, A.A.; ROZHCHENKO, Ye.N.; CHERNEGOV, A.S.; MARKELOV, M.N.; LALAYANTS, A.M.; GAPONENKO, F.T.; POLUEKTOV, I.A.; SKLYAR, D.S.; PONOMARENKO, N.F.; POTAPOV, A.I.; POLYAKOV, N.V.; SUBBOTIN, A.A.; POLSTYANOV, G.N.; TRUKHIN, P.M.; TKACHENKO, A.G.; OSTROVSKIY, S.B.; NYRTSEV, M.P.; DYADYK, I.I.; SHPAN'KO, T.P.; RUBCHENKO, V.P.

Kondrat Ivanovich Pochenkov; obituary. Sov. shakht. 11 no.9:
48 S '62.

(Pochenkov, Kondrat Ivanovich, 1905-1962) (MIRA 15:9)

KHUDOSVITSEV, N.M.

Application of mechanized aggregate units for the rapid advance of winning and development work in the Ukrainian collieries.

Report to be submitted for the International Conference on Coal Mines
(Rapid advance of workings in) Liege, Belgium, 30 Sept-4 Oct 63

KHUDOSOVTSSEV, N.M.

Put the great program into practice. Bezop.truda v prom. 6 no.11:5-6
N '62. (MIRA 16:2)

1. Predsedatel' Luganskogo soveta narodnogo khozyaystva.
(Lugansk Province--Coal mines and mining)

KHUDOSOVTSSEV, N.M.; PAK, V.S., akademik; BORISHENKO, K.S.; PYATKIN, A.M.,
kand. tekhn. nauk; GOL'DIN, M.A., kand. tekhn. nauk

Urgent problems in the development of the coal industry.

Ugol' 38 no.6:62-63 Je '63.

(MIRA 16:8)

1. Predsedatel' Donetskogo soveta narodnogo khozyaystva (for
Khudosovtsev). 2. AN UkrSSR (for Pak). 3. Chlen-korrespondent
AN UkrSSR (for Borisenko).

(Coal mines and mining)

KHUDOSOVTSSEV, N.M.

Miners of the Donets Council of National Economy are celebrating
Miner's Day with new production gains. Ugol' 38 no.8:15-17 Ag '63.
(MIRA 17:11)

1. Predsedatel' Donetskogo soveta narodnogo khozyaystva.

KHUDOSOVTSSEV, N.M.

Miners of the Donets Basin fighting for technical progress.
Ugol' 40 no.8:6-10 Ag '65. (MIRA 18:8)

1. Predsedatel' Donetskogo soveta narodnogo khozyaystva.

KHUDOSOVTSSEV, N.M.

Bring the coal industry into a position to cope with its new objectives. Ugol' Ukr. 10 no. 1:1-6 Ja '66. (MIRA 18:12)

1. Ministr ugol'noy promyshlennosti UkrSSR.

KHUDOSOVTSSEV, S. A.

Theory and Methods of Evaluation of Measurements

Dissertation: "Experimental Investigations of Shot Drilling in Carbonate Rocks."
Cand Toch Sci, Moscow Geological Prospecting Inst, 24 Mar 54. (Vechernyaya Moskva
Moscow, 14 Mar 54)

SO: SUM 213, 20 Sep 1954

34/01

S/137/62/000/002/044/14

AO06/A101

15.2410
AUTHORS:

Kreymer, G. S., Khudosovtsev, S. A., Safonova, O. S., Bogino, E. M.

TITLE:

Research for new sintered carbide grades for pneumatic impact drilling

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 32, abstract 2G258
("Sb. tr. Vses. n.-i. in-t tverdykh splavov", 1960, no. 2, 3-14)

TEXT:

From 4 initial W-powders, 8 series of experimental WC-Co sintered carbides were prepared containing 8, 11, 15 and 20% Co. The W-powders were produced by H₂ reduction at 650 - 820; 720 - 800; 900 and 1,200°C with conventional and intensified grinding of the mixtures. The sintered carbides obtained were subjected to perforating drilling tests on a stand at 7 atm, on rocks of 16 - 18 class strength (according to Protod'yakonov). The absence of breakdowns of the plates and wear resistance were taken as criteria of suitability in selective laboratory-scale tests. Highest strength in pneumatic impact drilling was shown by coarse-grained WC-Co sintered carbides, prepared on the base of tungsten that was reduced at 1,200°C. A decrease of the grain size by intensified grinding of the mixtures, caused a decrease in a_k and the operational

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Research for new sintered carbide grades ...

S/137/62/000/002/044/144
A006/A101

strength of the sintered carbide, in spite of maintained and even slightly increased σ_{\perp} . From sintered carbides BK 8 (VK 8), BK 11 (VK11), BK 11B (VK11V) and standard BK 15 (VK15), tested under industrial conditions, the latter proved unsuitable for drilling on BA 100-П1 (BA100-P1) unit under conditions of the Tyrny-Auz and similar deposits. VK11V showed the best results of all the sintered carbides tested; its operational strength factor was by 1.5 times higher than that of VK15 and the advance per 1 bit was twice as high.

I. Brokhin

[Abstracter's note: Complete translation]

Card 2/2

KHUDOSOVTSSEV, S.A., kand.tekhn.nauk; GRISHIN, G.P., inzh.; CHUGUNOV, L.F.,
gorany inzh.

Use of the VK11V hard alloy for the reinforcement of bore bits
on BA-100 boring machines. Gor.zhur. no.10:39-40 0 '60.
(MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh
splavov (for Grishin).
2. Tyrnauzskiy kombinat (for Chugunov).
(Rock drills)

KHUDOV, N.I., assistant

Effect of inlet phases on the parameters of a four-stroke
supercharged engine. Sud.sil.ust. no.1:147-159 '61. (MIRA 15:7)

1. Kafedra dvigateley vnutrennego sgoraniya Odesskogo vysshego
inzhenerenogo morskogo uchilishcha.
(Marine diesel engines)

KHUDOV, N.I., assistant

Analysis of engine performance on "Vasil' Kolarov"-type ships with different propellers. Biul.tekh.-ekon. inform. Tekh.upr.Min.mor. flota 7 no.10:32-42 '62. (MIRA 16:9)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Marine engines--Testing) (Ship trials)

KHUDOV, V. G.

KHUDOV, V. G. "Granosan (NIUIF-2) and Fusarium Diseases," Seleksiia 1

Semenovodstvo, vol. 17, no. 8, 1950, p. 72, 61.9 Se5

SO: SIRA, SI 90-53, 15 Dec. 1953

BRYLEYEV, A.M., doktor tekhn.nauk, prof.; USTINSKIY, A.A., kand.tekhn.nauk;
PUGIN, D.K., kand.tekhn.nauk; KHUDOV, V.N., inzh.

Use of radio channels in the automatic traffic control systems for
railroad sections. Vest.TSNII MPB 18 no.8:9-14 D '59.
(MIRA 13:9)

(Railroads--Automatic train control)
(Railroads--Communication systems)

KHUDOV, V.N., inzh.

Interference rejection in the reception of remote control
signals. Trudy MIIT no.170:19-32 '63. (MIRA 17:6)

KHUDOV, V.N., inzh.

Studying interference in radio communication channels on electric
railroads. Vest.TSNII MPS 20 no.8:58-61 '61. (MIRA 15:1)
(Electric railroads) (Radio--Interference)

KHODOV, V.N., inzh.

Comapring the interference rejection of information transmitted
through frequency channels of TU-TS communication systems. Vest.
TSNII MPS 19 no.8:52-55 '60. (MIRA 13:12)
(Railroads--Communication systems)

KHUDOVA, N.F., inzh.

M.Chukhmanova, an electrician of the line-control room. Avtom.,
telem. i sviaz' 6 no.10:23-24 0 '62. (MIRA 16:5)

1. Lineyno-apparatnyy zal stantsii Yuzhno-Sakhalinsk Yuzhno-
Sakhalinskoy dorogi.
(Railroads--Signaling) (Railroads--Employees)

KHUDOVEKOV, B., inzh.

Follow the initiative of the "Kara" in shore operations. Mor.
flot 25 no. 12:3-6 D '65. (MIRA 18:12)

1. Arkhangel'skiy morskoy port.

KHODOVEKOV, F.P.

Organization of specialized medical care for the population of remote districts. Zdrav. Ros. Feder. 4 no.3:16-18 Mr '60.

(MIRA 13:5)

1. Zamestitel' zaveduyushchego Arkhangel'skim oblastnym otделom zdравookhraneniya.

(ARCHANGEL PROVINCE--MEDICAL CARE)

KHUDOVEKOV, F.P.

Organizing control of poliomyelitis in Archangel Province.
Zdrav. Ros. Feder. 5 no.11:12-15 N '61. (MIRA 14:10)

1. Zamestitel' zaveduyushchego Arkhangel'skim oblzdravotdelom.
(ARCHANGEL PROVINCE---POLIOMYELITIS---PREVENTION)

CA

23

The collection and transformation of crude sulfate
soaps. V. D. Khudovskiy. *Bumash. Prom.* 24, No. 2,
22-b(1990).—A general outline of the procedures for
treating the crude sulfate soap, obtained as a by-product
of the sulfate or soda process, to obtain resin, fatty acids,
phytosterol, etc. Marshall Sittig

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>B</p> <p>Methods of Analysis of Tall-Oil Raw Materials. (In Russian.) V. D. Khudovskoy and M. V. Kartseva. <i>Zhurnal Prikladnoi Khimii</i> (Journal of Applied Chemistry), v. 23, Apr. 1950, p. 428-431.</p> <p>Experimental investigation of the above revealed that contemporary methods of analysis without determination of substances insoluble in petroleum ether do not permit determination of the exact composition of the oil. Such separation is said to be essential for accurate results. Method of analysis is described step by step. Data are tabulated.</p>																			
<p>ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

23

(A

Method for increasing the yield of tall oil. V. D. Khudovikov and M. V. Kartseva. *Bumash. Prom.* 25, No. 2, 30-2 (1950).—An air-flotation method for the recovery of tall oil from sulfate black liquor (I) is described and a comparison of various methods of tall oil recovery is made. In detg. the tall oil in I, 50 cc. I is decompd. with 30% H_2SO_4 , and the residue is filtered and washed with H_2O , dried, and extd. with toluene, the toluene is evapd., and the residue is extd. with Et_2O , and dried to const. wt. The petr. ether soly. of the Et_2O ext. is also detd. The Et_2O -sol. fraction of the samples of I tested ranged from 4.2 to 15.6 g./l., and the corresponding petr. ether-sol. fraction 3.2 to 15.4 g./l. Three methods of tall oil sepn. are studied: air flotation by treatment of the warm I with regulated flow of air, cooling the I from 75 to 40°, and letting the I stand 48 hrs. The total Et_2O -sol. fraction removed from the I by the 3 methods is 80.1-48.4, 48.9-38.0, and 72.6-42.4%, resp., and the total petr. ether fraction removed is 93.8-74.7, 61.5-57.7, and 73.8-51.1%, resp. The total petr. ether fraction of the I removed by the flotation method is independent of the original concn. in the I. In mill trials of the flotation method, the concn. of the Et_2O -sol. fraction is reduced from 18 to 10-11 g./l. for concd. I and from 5-6 to 2.5-2.8 g./l. for dil. I. The most favorable results obtained are a reduction of Et_2O -sol. fraction from 4.6 to 2-2.5 g./l. for I from the washers and from 8-10 to 3.5 g./l. for I from the evaporators, results which can be duplicated only by letting the I stand more than 100 hrs., and representing an increase in tall oil recovery of 15-20 kg./ton of pulp. The higher degree of tall oil removal facilitates evapn. of the I.

John Lake Keave

CA

23

Pentaerythritol ester of tall oil fatty acids. V.D. Khudovkov. *Zhur. Priklad. Khim.* (J. Applied Chem.)

24, 047-51(1951).— Samples of tall oil acids with 15-39.6% rosin acid contents were esterified with pentaerythritol by heating to 220-90°, and the reaction was followed by titration. Pentaerythritol reacts more rapidly than does glycol or glycerol. Although at 200° the rates of esterification of acids with different contents of rosin acids are nearly alike, the increase of rosin acids generally reduces esterification rate. The product gave satisfactory tests for coatings and for paint binder applications. In all cases a high rosin acid content gave poorer results. G. M. Kosolapoff

KHUDOVSEKOV, V.D.

Sul'fatnoe mylo i tallovoe maslo [Sulfate soap and tallow oil]. Moskva, Goskhozizdat, 1952. 87 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 2, May 1953

1. KHODOVEKOV, V. D.; KARTSEVA, M. V.

2. USSR (600)

4. Alkalies - Analysis

7. Determining the amount of sulphate soap in black liquor. Bum. prom., 27, No. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

Khudovskiy, V. D.

The processing of resinous wood. V. D. Khudovskiy.
 Dnepropetrovsk, Ukraine. 1. *Latex* (1964). -- The vacuum distill. of wood from pine
 stumps or the bark of turpentine trees for the recovery of
 turpentine (I) and resin (II) was studied. Chips 10x10x2
 up to 30x30x4 mm, and slabs 10 to 20 cm long were
 heated to 50° then to the max. temp. of 230-40° with
 superheated steam or inert gases, and evacuated at the max.
 temp. for II distill. In the vacuum distill. process II is
 obtained at less cost than by extr. Sublimizing the
 process the max. temp. was 230-40°, temp. of entrant steam
 200-80°, temp. of exit steam 220°, resin content of starting
 material 4-10% (bone-dry wood basis), reactor pressure
 during I distill. up to 100 mm Hg, 1.5 hr; I distill. 0.5 hr; II
 distill. consumption of superheated steam 2.5 kg per kg
 oven-dry wood; residual resin content of chips 0.4%,
 yield of HCAc 2.5% (oven-dry wood basis), yield of I 10%
 (based on I present in wood) and yield of chips 88% (based
 on oven-dry, II-free wood). When no vacuum was used,
 the steam consumption doubled, the yield of II was 30%
 of the II present, and II required purification with benzene,
 with a 5% benzene loss. Data are given for the percentage
 I distill. from the wood as a function of time and temp.
 It is higher the degree of wood packing the longer the re-
 quired distill. period. The higher the H₂O content of the
 chips, the longer the initial heating period required. Chip
 dimensions were unimportant. Residual chips were suit-
 able for the manu. of fiber board with good H₂O resistance
 and dimensional stability. The most economical process
 for the recovery of I and II from resin wood is considered to
 be distill. as described above, followed by gasification of the
 chips, the gas being used in the distill. stage. Acid tars are
 processed further. Sketches are given of app. for batch
 and continuous distill. of resinous wood. J. L. Keays.

11(2), 22(1), 28(1)

SOV/92-59-1-20/36

AUTHOR: ~~Khudoverdov~~, A.A., Chief of the Planning Department of the Baku Plant
"Neftegaz"

TITLE: How to Increase the Productivity of Labor (Puti povysheniya proizvoditel'-nosti truda)

PERIODICAL: Neftyanik, 1959,⁴Nr 1, 25-26 (USSR)

ABSTRACT: According to this article the Baku plant "Neftegaz" revised its program of work in 1958. This was done with the purpose of substituting vegetable products used in synthetic alcohol production with pyrolysis gases. This reorganization helped the plant to overfulfill its production plan in eleven months. As compared with target figures, the recovery of gas needed for chemical industry reached 104.7 percent, and the production of coke 105.6 percent. At the same time the plant reduced product losses 12 percent, fuel consumption 1.6 percent, and electric power consumption 2.3 percent. In 1958 the processing units of the plant produced pyrolysis gas in an amount 20 percent greater than in 1955. They increased the content of ethylene in the gas from 17 - 18 percent to 22 - 23 percent. Even though the number of the plant personnel dropped, labor productivity rose 10 percent. New

Card 1/2

How to Increase the Productivity (Cont.)

SOV/92-59-1-20/36

optimal operating conditions, under which the yield of products increases and the quality of pyrolysis gas improves, have been found and adopted by experts of the plant. The mechanization and automation of various processes are being studied and research work for replacing the presently used raw materials by the Karadag paraffinic stock is being carried out. Efforts are made to improve the organization of auxiliary operations, and it is expected that they will help to increase the productivity of labor. Technical courses are organized to train plant personnel and to improve the qualifications of plant specialists. The exchange of views of innovators and specialists, which are based on their operational experience, is very important and helps to improve technical and economic indices of various operations. Of 235 constructive suggestions made by specialists in 1958, 142 suggestions were accepted and resulted in considerable savings.

ASSOCIATION: Planovyy otдел Bakinskogo zavoda "Neftegaz" (The Planning Department of the Baku Plant "Neftegaz")

Card 2/2

PAP, A.M.; KHUDOVETS, I.P.

On the undulating extinctions of minerals in rocks. Dokl. AN BSSR
3 no.4:168-170 Ap '59. (MIRA 12:10)

1. Predstavleno akademikom AN BSSR K.I. Lukashevym.
(Mineralogy)

KHUDOVETS, V.Va; PARKHIMOVICH, S.P.

Liver abscess. Zdrav, Bel. 8 no.6:64 Je'62. (MIRA 16:8)

1. Iz khirurgicheskogo otdeleniya Starodorozhskoy rayonnoy
bol'nitsy (glavnyy vrach V.V.Karulis)
(LIVER--ABSCESS)

AKOPYAN, A. Ye.; ORDYAN, M. B.; KHUDOVAN, K. L.; KOGEDZHYAN, S. P.

Synthesis of n-butyl alcohol from 1,3-dichloro-2-butene. Zhur.
prikl. Khim. 33 no.9:2146-2148 S '60. (WIRA 13:10)
(Butyl alcohol) (Butene)

KHUDOYAN, T.S.; SHAROV, A.; CHIRKOV, I. (Stalinsk, Kemerovskaya oblast');
 KHAUSTOV, S. (g.Novoshakhtinsk); ARKHIPOV, V., avtomatchik;
 SHEVCHENKO, B.; GETMANSKAYA, Ye.; SUMTSOV, I.; KURDYUKOVA, L.,
 doyarika; BABIY, V. (Chernovitskaya oblasti'); MAKAROV, N.;
 SOKOLOV, K.; SINITSKIY, N.

Letters to the editor. Sov. profsoiuzy 17 no. 5:35-39 Mr '61.
 (MIRA 14:2)

1. Zaveduyushchiy otделom truda i zarplaty respublikanskogo sovprofa Armenii (for Khudoyan). 2. Staleprokatnyy zavod, Leningrad (for Arkhipov). 3. Predsedatel' pravleniya kluba sovkhov "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Shevchenko).
 4. Chleny pravleniya kluba sovkhov "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Getmanskaya, Sumtsov). 5. Sovkhoz "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Kurdyukova). 6. Predsedatel' tsekhkoma kotel'no-svarochnogo tseka Vol'skogo zavoda "Metallist" (for Makarov). 7. Predsedatel' postroykoma Stroitel'nogo uchastka No. 2, g.Gagra, Gruzinskaya SSR (for Sinitskiy).
- (Trade unions) (State farms)

ALEKSANYAN, A.M.; KHUDOYAN, Ye.A.

Effect of increased intraocular pressure on the functional state of the retina. Izv.AN Arm.SSR,Biol.i sel'khoz.nauki 7 no.7:79-88 J1 '54.
(MLRA 9:8)

1. Institut fiziologii Akademii nauk Armyanskoy SSR.
(GLAUCOMA) (RETINA) (ELECTROPHYSIOLOGY)

ALEKSANYAN, A.M.; ~~XXXXXXXXXXXXXXXXXXXX~~ KHUDOYAN, Ye.A.

Conditioned reflex change in cardiac activity. Izv. AN Arm. SSR.
Biol. i sel'khoz. nauki 7 no. 11: 57-67 N '54. (MLRA 9:8)

1. Institut fiziologii AN Arm. SSR.
(CONDITIONED RESPONSE) (HEART)

ALEKSANYAN, A.M.; KHUDOYAN, Ya.A.

Extinguishing inhibitive conditioned stimuli. Dokl.AN Arm.SSR no.1:
41-48 '56. (MIRA 9:7)

1. Predstavleno L.A.Orbeli.
(Conditioned response)

USSR/Human and Animal Physiology. The Nervous System

T-12

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65741

Author : Aleksanyan A.M., ~~Khudoyan Ye.~~
Inst : AS ArmSSR, *Inst. Physiology; Biology Faculty YEREVAN STATE UNIV.*
Title : Conditioned-Reflex Changes in Cardiac Activity and Respiration

Orig Pub : Izv. AN ArmSSR, Biol. i s.-x. n., 1957, 10, No 7, 17-25

Abstract : Recording the frequency of heart beats and respiratory movements associated with positive and negative electrodefensive reflexes in three dogs showed that the first application of the discrimination stimulus produced an increase in the frequency of these functions during its action and their retardation after its termination. According to the extent of discrimination, the slowing of heart and respiratory rates was gradually shifted closer to the onset of the action of the stimulus; even with complete discrimination, however, in many cases a shortening of one or two respiratory cycles corresponded with the onset of the action of

Card : 1/2

ALEKSANYAN, A.M.; KHUDOYAN, Ye.A.

Effect of spinal transection on the monosynaptic potential. Dokl.
AN Arm.SSR 31 no.3:187-191 '60. (MIRA 13:12)

1. Institut fiziologii im. akademika L.A.Orbeli Akademii nauk
Armenyanskoy SSR.
(NERVOUS SYSTEM) (ELECTROPHYSIOLOGY)

KHUDOYAROV, K. V., TSEKHANSKIY, M. I., SHISHKIN, N. I., and SUSLOPAROV, G. D.

"Use of Ca⁴⁵."

report presented at The Use of Radioactive Isotopes in Analytical
Chemistry, Conference in Moscow, 2-4 Dec 1957
Vestnik Ak Nauk SSSR, 1958, No. 2, (author Rodin, S. S.)

KHUDOYAROV, T. (Magadanskaya oblast'); ROZHNOV, V., inzh.

After a difficult tour. Za rul. 17 no.11:30 H '59.
(MIRA 13:4)

1. Nachal'nik issledovatel'skogo otdela Izhevskogo
mashinostroitel'nogo zavoda.
(Motorcycles--Touring)

KHUDOZHILOV, K.

"Technological Regulations of the Zaporozh Construction Project in 1952." p. 232

"Building Research." p. 233 (Stavebni Prumysl, Vol. 3, no. 10, May 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,
Feb. 1954, Uncl.

KHUCZMILCV, K.

"Binding Technological Rules on Housing Construction Issued by the Moscow Institute for the Organization and Mechanization of the Building Industry." p. 274
"Mechanization of the Building Industry." p. 276 (Stavebni Prumysl, Vol. 3, no. 12, June 1953, Praha)

SG: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress, Feb. 1954, Uncl.

KHUDOZHILOV, K., inzhener; YANDUSH, V., inzhener.

Vertical transport in housing construction in Czechoslovakia.
Mekh.stroi. 13 no.4:29-32 Ap '56. (MIRA 9:7)
(Czechoslovakia--Cranes, derricks, etc.)

KHUDOZHNIK, A.

KHUDOZHNIK, A.

Planing die reinforced with the VK15 hard-facing alloy for
removing surface defects from tubes of nonferrous metals. TSvet.
28 no.2:61-62 Mr-Ap '55. (MIRA 10:10)
(Cutting tools)

KHUDOZHNIK, A.

Dies of the container of 300-ton and 600-ton presses for metals
and alloys difficult to extrude. TSvet.met. 28 no.5:67-68 '55.
(MIRA 10:10)

1.Zavod Glavtsvetmetobrabotki.
(Dies (Metalworking))

AUTHOR: Khudozhnik, A.

SOV/136-58-12-18/22

TITLE: "Floating" Mandrels of VK-15 Pobedit ("Plavayushchiye" opravki iz pobedita VK-15)

PERIODICAL: Tsvetnyye Metally, 1958, Nr 12, pp 81 - 83 (USSR)

ABSTRACT: The author states that many difficulties are being experienced by works adopting floating mandrels for tube drawing (Figure 1) in the production of reliable wear-resisting mandrels. At the Revda Non-ferrous Metal-working Works, much attention has been given to the mechanisation of the production of Pobedit and chromium-plated steel mandrels. To be able to get adequate surface quality using normal grinding machines, the author developed a built-up mandrel (Figures 3,4). After grinding of the components, the mandrel is assembled and polished with diamond dust (0.5-3 μ) on wood to give a class-10 (GOST 2789-51) surface quality. The author shows the production procedures for making the mandrels with (Figure 5) and without (Figure 6) brazing and states that the method is suitable for mandrels of diameter up to 6-7 mm. He considers that the greater service durability

Card 1/2

"Floating" Mandrels of VK-15 Pobedit

SOV/136-58-12-18/22

of Pobedit in comparison with steel mandrels more than
recoups their 7-8 fold higher cost and suggests that
VK-15 Pobedit mandrels should be widely used.
There are 6 figures.

ASSOCIATION: Revdinskiy zavod po obrabotke tsvetnykh metallov
(Revdinskiy Non-ferrous Metals Working Works)

Card 2/2

ACC NR: AP6035937

SOURCE CODE: UR/0413/66/000/020/0198/0198

INVENTOR: Privalov, A. I.; Kuznetsov, Ye. A.; Il'ichev, V. V.; Khudozhnikov, B. N.;
Yegorychev, V. A.; Vel'ko, V. I.

ORG: none

TITLE: Electrohydraulic device for testing aircraft control units. Class 62,
No. 187536

SOURCE: Izobreteniya, promyshlennyye obraztsey, tovarnyye znaki, no. 20, 1966, 198

TOPIC TAGS: ~~aircraft actuating equipment~~, aircraft control equipment, *hydraulic*
device, aircraft test, remote control, automatic remote control

ABSTRACT: An Author Certificate has been issued for an electrohydraulic device for testing aircraft control units, which contains coupled hydraulic, pneumatic (e.g., nitrogen), and electrical systems mounted on a truck-trailer chassis. To provide automatic remote control of the control units of the systems while they are being tested, the device's electrical system has a polarized relay connected to the sliding contact of the control-unit-feedback potentiometer, through an intermediate resistance, and to a current divider consisting of two resistors. This provides power to an intermediate relay coil which is switched over by the control-winding contacts of the vane units.

[WH]
[WA-98]

SUB CODE: 01/ SUBM DATE: 04Mar63/

Card 1/1

UDC: 629.13.01/06

SYZRANTSEV, Mikhail Fedorovich; KHUDOZHNIKOV, V.P., otv.red.;
BOGACHEVA, G.V., red.; KARABILOVA, S.F., tekhn.red.

[Problems in telegraphic communication] Voprosy eksplua-
tatsii telegrafnoi svyazi. Moskva, Gos.izd-vo lit-ry po voprosam
svyazi i radio, 1959. 89 p. (MIRA 12:7)
(Telegraph)

K Hudozhnikov A, L.F.

	Abstracts made 8896.	Institute Metallurgy, Israel A.A., Bayzura	607/5175
	Davalovich, V.I., et al. Material strength under uniaxial tension 22-24 centigrade 1956 G. (Failure of metals). Materials of the conference on failure of metals, September 22-24, 1956) Moscow, 1956. 157 p. 5,500 copies printed.		
	Berg, H.L.: I.A. Oettinger, Correspondence Model, Analysis of stresses (DOKL. Ak. of Sciences USSR, 1956, No. 12).		
	REMARKS: This collection of articles is intended for mechanical engineers, metallurgists, and scientific research workers.		
	SUMMARY: The collection contains discussions relating to failure of metals, failure in welded joints, and methods for testing substances. Included are a critical review of existing theories on steel failure, some data on physical regularity patterns, and factors of steel failure caused by fatigue. Predictions are given for applying a new criterion to the notch sensitivity of metals and high-strength steels are investigated. The mechanism of failure due to compression failure of metals is discussed along with pertinent experimental data. Also presented are the results of testing the fatigue strength of such metal parts as large-size plates and various parts of machines used in the petroleum industry. Problems involved in testing metals for failure are outlined. In particular, tests of metals are described. Davalovich, V.I. (Moscow), E.A. Belykh, L.M. Pribludnyy, and I.S. Dubrovskiy. See also on Physical Regularity Patterns of Steel Failure Fatigue Fatigue		
27	Priest, J.H., Robinson Under Impact Loading and Resistance to Brittle Failure		28
	Oetting, J.A. and S. T. Oetting. Criteria of Notch Sensitivity of the Steel Under Cyclic Loading		47
	Hartmann, H.J. Notch Sensitivity of High-Strength Steels		62
	Polymov, B.Zh. Notch Sensitivity of High-Strength Steels		72
	Vedenko, G.G. and V.B. Sivilevsky. Mechanism of Compressi- on Failure of Metals		80
	SECTION OF INDUSTRY-TESTING METHODS		
	Kukhar, G.A., M. Kuznetsov, and A.V. Litvinov. Investigating the Cyclic Strength of Metals by Passing a Fatigue Diagram		97
	Oetting, J.A. and S. T. Oetting. Determining the Dependence of the Cyclic Coefficient of the Notch Sensitivity of Metals on the True Stress Concentration Coefficient		105
	SECTIONAL SECTION ON STEEL		
	Polymov, B.Zh., and S. T. Oetting. Fatigue Strength of Large Plates		116
	Lavitskiy, B.K. and L.F. Polubinsky. Fatigue Strength of Boiler Tubes		129
	Mashin, B.K. and B.A. Bagdasaryan. Compression-Fatigue Strength of Pump Rods		138
	Baranov, B.A. Comparison Between the Strength of Materials and of That of the Part Under Effect of Static, Cyclic and Impact Loads		140
	Kil'berg, Yu. Ya. and A.P. Shigalovskiy. Comparative Tests for Fatigue of Dissimilar Specimens With Varying Alloy		155
	ANALYSIS: Library of Congress (TABCO.577)		
	and 6/A		

ACCESSION NR: AT4014045

S/3073/63/000/000/0061/0074

AUTHOR: Razov, I. A.; Khudozhnikova, L. F.; Shevandin, Ye. M. (Deceased)

TITLE: Effect of cyclic stress on the tendency of steel to cold brittleness

SOURCE: Prochnost' metallov pri peremennykh nagruzkakh; materialy* tret'yego soveshchaniya po ustalosti metallov, 1962 g. Moscow, Izd-vo AN SSSR, 1963, 61-74

TOPIC TAGS: steel, steel brittleness, plastic deformation, fatigue, fatigue strength, embrittlement, creep, cold brittleness, cyclic stress, critical embrittlement temperature

ABSTRACT: It is well known that steel tends to become brittle in the cold and that this cold brittleness increases during cyclic stress, even at stresses below the fatigue limit, due both to the effects of plastic deformation and to the fatigue cracks which appear at the sites of stress concentration. In order to relate brittle strength and cold brittleness to the creep limit, the authors investigated the effect of cyclic bending stress (3000/min.) on the critical embrittlement temperature of smooth and notched samples of steel 3, steel SKS-1 and steel SKhL-4 in the annealed, hot-rolled or superheated (1150C) states. The critical embrittlement temperature was determined in two ways: from the curves relating temperature to impact toughness and to the relative fibrosity of the break.

Card

1/2

KHUDSKIY, N.M., inzh.

Results of the operations of FPU-1 shifting harvesters during
the 1961 season. Torf.prom. 39 no.3:1-3 '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy
promyshlennosti.

(Peat machinery)

KHUDUSHIN, F., kand.filos.nauk

Source of joy. Nauka i zhyttia 11 no.1:49-51 Ja '62.
(MIRA 15:2)
(Technology and civilization)

KHUDUSHIN, Fedor Semenovich, kand.filosof.nauk; KONONOV, V.A., red.;
AYZENSHAT, B.I., red.; SAVCHENKO, Ye.V., tekhn.red.

[Communist labor; overcoming fundamental differences between intellectual and manual work] Kommunisticheskii trud; o preodolenii sushchestvennykh razlichii mezhdu umstvennym i fizicheskim trudom. Moskva, Izd-vo "Znanie," 1960. 45 p. (Vsesoluznoe obshchestvo po rasprostraneniю politicheskikh i nauchnykh znaniy. Ser.2, Filosofiya, no.1) (MIRA 13:2)
(Work)

BESPAL'SHIY, Vladimir Fedorovich [Bezpal'shyi, V.F.]; KHUDUSHINA, F.
[Khudushyna, F.], kand. filos. nauk, red.; LOVKAYA, L., red.;
TSURKAN, P., tekhn. red.

[Communist labor; what the elimination of distinction between
intellectual and manual labor means] Komunistychna pratsia;
shcho znachit' likviduvaty istotni vidminnosti mizh rozumovoiu
i fizychnoiu pratsei. Kyiv, Derzh. vyd-vo polit. lit-ry URSR,
1960. 74 p. (MIRA 14:12)
(Efficiency, Industrial) (Work)

KHUDUSHINA, T. A.

Khudushina, T. A. -- "Secretion of Tubercle Bacilli with Woman's Milk."
First Moscow Order of Lenin Medical Inst, Moscow, 1955 (Dissertation for
Degree of Doctor of Medical Sciences.)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun 55, pp 87-104

KHUDUSHINA, T.A.

Isolation of *Mycobacterium tuberculosis* from human milk [with summary in French]. Probl.tub. 35 no.8:82-86 '57. (MIRA 11:4)

1. Iz kafedry tuberkuleza (zav. - prof. F.V.Shebanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(TUBERCULOSIS, microbiol.

M. tuberc. in hman milk (Rus))

(MILK, HUMAN, microbiol.

M. tuberc. in tuberc. in women (Rus))

(MICOBACTERIUM TUBERCULOSIS.

in human milk, isolation (Rus))

SOLOV'YEVA, V.A.; KHUDUSHINA, T.A.; MAKAREVICH, N.M.; AVERBAKH, M.M.
(Moskva)

Effect of radiation on experimental tuberculosis. Med.rad. 4
no.2:79 F '59. (MIRA 12:4)
(ROENTGEN RAYS, effects,
on exper. tuberc. (Rus))
(TUBERCULOSIS, experimental,
eff. of x-rays (Rus))

SOLOV'YEVA, V.A.; KHUDUSHINA, T.A.; MAKAREVICH, N.M.; AVERBAKH, M.M.

Effect of radiation energy on the course of experimental tuberculous processes. Probl.tub. 37 no.3:87-92 '59.
(MIRA 12:6)

1. Iz Instituta tuberkuleza AMN SSSR (dir.Z.A.Lebedeva).
(TUBERCULOSIS, exper

eff. of x-rays (Rus))

(ROENTGEN RAYS, effects,
on exper. tuberc. (Rus))

SOLOV'YEVA, V.A.; KHUDUSHINA, T.A.

Effect of antibacterial preparations in the treatment of experimental tuberculosis under the influence of radiation. Probl.tub. 38 no.6:98-104 '60. (MIRA 13:11)

1. Iz Instituta tuberkuleza AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N.A. Simelev). (TUBERCULOSIS) (PHYSIOLOGICAL EFFECT)

KHODUSHINA, T.A.

Influence of antituberculosis vaccination on the course of the
tuberculous process under conditions of prolonged irradiation.
Med.rad. no.10:56-59 '61. (MIRA 14:10)

1. Iz radiologicheskogo otdela patomorfologicheskoy labaratorii
Instituta tuberkuleza AMN SSSR.
(RADIATION--PHYSIOLOGICAL EFFECT) (BCG VACCINATION)

GORENSHTEYN, Azar Borisovich, kand. tekhn. nauk; LAVROV, Aleksandr Petrovich, inzh.; KHUDSKIY, Nikolay Nikolayevich, inzh.; CHUBAROV, Nikolay Dmitriyevich, inzh.; KOLOTUSHKIN, V.I., red.

[Handbook for using the BPF pneumatic cutter-loaders] Ru-
kovodstvo po ekspluatatsii pnevmaticheskikh kombainov BPF.
[By] A.B.Gorenshtein i dr. Moskva, Izd-vo "Energiia,"
1964. 183 p. (MIRA 17:8)

KHODYAK, Mariya Isaakovna; MODILEVSKIY, Ya., otv. red.; SKUTSKAYA,
N.P., red.; KADASHEVICH, O.A., tekhn. red.

[Endosperm of angiosperms; characteristic aspects of its
development and significance in fruit formation] Endosperm
pokrytosemiannykh rastenii; osobennosti razvitiia i rol' v
plodoobrazovanii. Kiev, Izd-vo AN Ukr.SSR, 1963. 182 p.
(MIRA 17:1)

1. Chlen-korrespondent AN Ukr.SSR (for Modilevskiy).

26320 K voprosu ob obrazovanii aleyronovykh zernen v semenakh l'na i kleshch sviny.
Botan. Zhurnal (Akad.nauk Ukr. SSR, In-T Botaniki), T, VI, No. 2, 1949, c. 32-38.-
Na ukr. Yaz - Rezyume na rus. Yaz.

34: LETOPIS' NO. 35, 1949

1. KHUDIAK, M. I.
2. USSR 600
4. Seeds - Morphology
7. Morphology of aleuronic seeds of the carrot family as a classification characteristic, Bot. zhur, 8, No. 1, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. KHUDYAK, M. I.
2. USSR (600)
4. Wheat; Cells
7. New data on cell structure in endosperm of summer wheat. Dokl.
AN SSSR 84, No. 1, 1952 Institut Botaniki Akademii Nauk USSR
Kiyev Rcd. 29 Jan 1952
9. Monthly List of Russian Accessions, Library of Congress, September
1952. UNCLASSIFIED.

KHODYAK, M. I.

Peculiarities of endosperm formation in Kakheti branched wheat. Bot.
zhur. [Ukr.] 12 no.3:52-67 '55. (MLRA 8:11)
(Wheat)

OKSIYUK, P.F., KHUDIYAK, M.I.

New data on wheat fertilization. Dokl. AN SSSR 105 no.4:835-837
D '55. (MLRA 9:3)

1. Institut botaniki Akademii nauk USSR. Prestavlene akademikem.
N.V. TSitsinym.
(Wheat) (Fertilization of plants)

Khudyak, M.I.
OKSYUK, P.F.; KHUDYAK, M.I.

So-called somatic fertilization in wheat [with summary in English].
Ukr.bot.zhur. 14 no.4:71-77 '57. (MIRA 11:1)

1. Institut botaniki AN URSR, viddil tsitologii i embriologii.
(Wheat) (Fertilization of plants)

KHUDYAK, M.I.

Effect of self-pollination on the development of endosperm in
rye. Ukr.bot.zhur. 16 no.4:67-73 '59. (MIRA 12:11)

1. Institut botaniki AN USSR, otdel tsitologii i embriologii.
(Rye) (Endosperm) (Fertilization of plants)

KHUDYAK, M.I.

Development of wheat hybrids by using certain varieties for
additional pollination. Ukr.bot.zhur. 19 no.1:21-30 '62.
(MIRA 15:4)

1. Institut botaniki AN USSR, otdel tsitologii i embriologii.
(Wheat breeding) (Hybridization, Vegetable)

KHODYAK, M.I.

Morphological and physiological characteristics of the endosperm
of angiosperms in the process of its development. Ukr.bot.zhur.
19 no.5:31-41 '62. (MIRA 16:1)

1. Institut botaniki AN UkrSSR, 'otdel tsitologii i embriologii.
(Endosperm) (Angiosperms)

ZOSIMOVICH, V.P., red.otv.; MODILEVSKIY, Ya.S., red.; KOLESNIK,
N.N., doktor biol. nauk, red.; ~~KHODYAK, M.I., kand.~~
biol. nauk, red.; KORDYUM, Ye.L., kand. biol. nauk, red.;
KUZNETSOVA, A.S., red.

[Cytology and genetics] TSitologiya i genetika . Kiev,
Naukova dumka, 1965. 223 p. (MIRA 19:1)

1. Akademiya nauk URSR, Kiev. 2. Chlen-korrespondent
AN Ukr.SSR i Institut botaniki AN Ukr.SSR (for Zosimovich).

BERNSHTEYN, L.A.; KIRILLOV, Yu.D.; POL'SKIY, L.L.; SATARIN, V.I.; Prinimeli
uchastiye: GRANITSA, A.G.; KANOVICH, Ye.G.; GRODZINSKIY, Ye.Yu.;
KHUDYAK, M.L.; DOBROLOVSKIY, G.G.; ZABLOTSKIY, Ye.Z.; RYZHKIN, D.I.;
OSTROVSKAYA, N.D.

Development and adoption of a system of hydraulic conveying of
raw slurry at the Novo-Zdolbunov Cement Plant. Trudy IUzhgipro-
tsementa no.4:79-107 '63. (MIRA 17:11)

1. Gosudarstvennyy institut po proyektirovaniyu tsementnykh
zavodov v yuzhnykh rayonakh SSR (for Granitsa, Kanovich,
Grodzinskiy, Khudyak). 2. Novo-Zdolbunovskiy tsementnyy zavod
(for Dobrolovskiy, Zablotskiy, Ryzhkin, Ostrovskeya).

KALINYUK, V.V., inzh., red.; BALASHOV, S.I., inzh., red.; BOGATYKH, Ya.D., inzh., red. GRIBIN, G.P., red.; PAVLOV, S.M., red.; KHUDYAKOV, A.K., red.; PETROVA, V.V., red. izd-va; IFTINKA, G.A., red. izd-va; KOMAROVSKAYA, L.A., tekhn. red.; RODIONOVA, V.M., tekhn. red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroizdat. Pt.3. Sec.A. ch.7, [Basic principles for organizing labor (SNiP III-A.7-62)] Organizatsiia truda; osnovnye polozenia (SNiP III-A.7-62) 1962. 4 p. Pt.3. Sec.V. ch.4. [Regulations for production and inspection of work in stone construction (SNiP III-V.4-62)] Kamennye konstruksii; pravila proizvodstva i priemki rabot. (MIRA 16:6) (SNiP III-V.4-62) 1963. 11 p.

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gostroy SSSR (for Kalinyuk, Gribin).
 3. Mezhduevdomstvennaya komissiya po peresmotru stroitel'nykh norm i pravil (for Balashov, Pavlov). 4. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Bogatykh, Khudyakov).
- (Building, Stone)
(Construction industry)

GRIBIN, G.P., red.; PAVLOV, S.M., red.; KHUDYAKOV, A.K., red.

[Construction specifications and regulations] Stroitel'nye
normy i pravila. Moskva, Gosstroizdat. Pt.3. Sec.A.ch.7.
[Organization of labor; principal regulations] Organizatsiia
truda; osnovnye polozheniia (SNiP Sh-A. 7-62). 1962. 4 p.
(MIRA 17:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva. 2. Gosstroy SSSR (for Gribin). 3. Mezhvedomstven-
naya komissiya po peresmotru Stroitel'nykh norm i pravil (for
Pavlov). 4. Nauchno-issledovatel'skiy institut organizatsii,
mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii
stroitel'stva i arkhitektury SSSR (for Khudyakov).

Khudyakov, A. Erlikhman, Ye., and Anurov, S.

Issledovaniye Sapropelya Ostashkovskogo Bolota "Samara" Goryuchiye Slantsy, 1933,
No. 2, 52.

SO: Goryuchiye Slantsy No. 1934-35 TN .871
.G74

2

Ca

Chemical constant of S_2 . I. Chudnev and A. Khudyskov. *J. Gen. Chem. (U. S. S. R.)* 4, 1234-42 (1954). On the basis of vapor-pressure data for S_2 over FeS, as found by Berzike and Kapustiniskii, the chem. const. of S_2 was calculated, as 2.34 ± 0.4 . From the same data, the heat of formation of FeS from α -Fe and S_{rhomb} at 18° was found to be 21.5 kg.-cal. instead of 17.98 as ordinarily given. S. I. Madorav

ASG-ILA METALLURGICAL LITERATURE CLASSIFICATION

32

Colloid mill for the production of bituminous emul-
sions. A. N. Khulyabak and B. A. Lamberg. *Gidrot-
ekhn. Stroitel.* 18, No. 4, 3) 1 (1948). -A centrifugal mill
with conical smooth surfaces is described. N F

Khudyakov, A. N.
USSR/ Chemistry - Physical chemistry

Card 1/1 Pub. 22 - 24/50

Authors : Antipin, L. N., and Khudyakov, A. N.

Title : Electrolytic oxidation of carbon in cryolite-alumina fusions

Periodical : Dok. AN SSSR 100/1, 93-96, Jan 1, 1955

Abstract : A detailed investigation was conducted to determine the relation between the composition of anodic gases, magnitude of polarization and the current density. The basic cause for polarization was found to be the retardation in the decomposition of the intermediate carbon-oxygen complexes formed as result of discharge on the oxygen containing anion anode. It was found that the electrolysis of cryolite-alumina fusions is always followed by the separation of the oxygen on the anode, and the process of anodic oxidation of carbon is accompanied by considerable oxidation. Seven references: 5 USSR and 2 German (1934-1953). Graphs.

Institution : The S. M. Kirov Ural Polytechnicum

Presented by: Academician A. N. Frumkin, July 23, 1954

KHUDYAKOV, A. N.
Category: USSR

B-12

Abs Jour: R Zh--Kh, No 3, 1957, 7683

Author : Antipin, L. N. and Khudyakov, A. N.

Inst : Not given

Title : Investigation of Anode Reactions in the Aluminum Bath

Orig Pub: Zh. Prikl. Khimii, 1956, Vol 29, No 6, 908-914

Abstract: The composition of the gas liberated at the anode (AG) and the magnitude of the polarization have been investigated as a function of the current density i during the electrolysis of a cryolite-alumina melt (40 percent NaF, 57 percent AlF_3 , and 3 percent Al_2O_3) at 790° . Depending on the i , the AG composition changes from 100 percent CO at $i = 0$ to 85 percent CO_2 at $i > 0.3$ amps/cm²; the variation is not uniform. The curve giving the composition of the AG as a function of i shows two breaks at 0.1 and 0.3 amps/cm². In the opinion of the authors the first section of the curve corresponds to the formation of adsorption complexes by the most active atoms of the graphite electrode. At $i > 0.1$ amps/cm² the neutralization of oxygen-containing ions occurs not only in the most active regions of the carbon lattice

Card : 1/2

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ORLOV, S.I.; KHUDYAKOV, A.N.; KRIVONOSOV, V.S.; FADEYEV, P.V.;
PETROV, K.M.; D'YAKONOV, V.A.

At the Ural Research Institute of Ferrous Metallurgy. Stal'
21 no. 4:366,371,383 Ap '61. (MIRA 14:4)
(Rolling mills—Accounting) (Steel—Metallurgy)

KHUDYAKOV, A. V.

"Metrological Principles of Automatic Sorting of Boards in Sawmills." Moscow Wood Industry Inst., Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105

VOYEVODA, D.K.; GATSEVICH, V.A.; KHODYAKOV, A.V.

Over-all mechanization and automatization of work at landings.
Mekh. trud. rab. 10 no.9:28-31 S '56. (MLRA 9:10)

(Lumber--Transportation)

I 43982-66 EWT(1)/EWP(e)/EWT(m)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/WW/JWD/JT
ACC NR: AP6029754 (A) SOURCE CODE: UR/0414/66/000/002/0044/0051

AUTHOR: Mikheyev, V. F. (Novosibirsk); Khlevnoy, S. S. (Novosibirsk); Khudyakov,
A. V. (Novosibirsk)

ORG: none

TITLE: A thin film resistance thermometer for recording temperatures on the surface
of powder during rapid heating

SOURCE: Fizika goreniya i vzryva, no. 2, 1966, 44-51

TOPIC TAGS: solid propellant, propellant, combustion, solid fuel rocket

ABSTRACT: One of the important characteristics of solid rocket fuel is the change
in the surface temperature prior to ignition at various initial conditions and with
various types of energy incident on the surface. The study of the ignition process
is of greatest interest when the fuel is heated very rapidly (ignition time 10^{-2} sec,
which is close to the actual ignition conditions in solid fuel rocket engines.
Temperature measurement of the fuel surface has been studied by methods based on the
emission of infrared radiation from the surface. This, however, had the shortcoming
that the products of evaporation and decomposition affect the measurements. In the
present study, a thin film resistance thermometer (0.5 μ thick and 0.2—0.3 mm
wide) was prepared and used to measure the surface temperature during rapid heating
by light energy. The nickel resistance thermometer was prepared electrolytically

Card 1/2

UDC: 536.46+541.427.6

Card 2/2

KHUDYAKOV, Aleksandr Vasil'yevich; KUNIN, V.M., nauchn. red.;
DARMANOVA, T.I., red.

[Woodworking machinery and its operation] Derevoobra-
batyvaiushchie stanki i rabota na nikh. Moskva,
Vysshiaia shkola, 1965. 293 p. (MIRA 18:12)

KHUDYAKOV, A. V.

VOYEVODA, D.K., kandidat tekhnicheskikh nauk; KHUDYAKOV, A.V., kandidat
tekhnicheskikh nauk; KIPUS, L.A., inzhener; KREZOV, V.S., inzhener.

Unit for the automatic measuring of logs. Mekh.trud.rab. 11 no.1:25-27
Ja '57. (MLRA 10:5)

(Lumber--Mensuration)

KHUDYAKOV, A. V.

AID P - 1555

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 8/18

Author : Khudyakov, A., Lt. Col.

Title : Training navigators in leading fliers by means of a portable indicator

Periodical : Vest. vozd. flota, 2, 43-48, F 1955

Abstract : The author points out the necessity of an adequate equipment at all command posts for leading fighters to air targets by day and night and in all conditions of weather. He mentions that sometimes young command post navigators get confused and are not able to continue their work. The author analyzes the reasons for this confusion and indicates methods of improvement. Diagrams, photos, examples

Institution: None

Submitted : No date

Khudyakov, A.V.

AID P - 2658

Subject : USSR/Aeronautics

Card 1/2 Pub. 135 - 13/17

Author : Not given

Title : Readers suggestions

Periodical : Vest. vozd. flota, 9, 74-79, S 1955

Abstract : In this column readers present suggestions as follows:
1) Graphs giving corrections of the altitude of stars, by Officer Muravyev, V. K., 2) How to improve the ground control of flights, by Officer Khudyakov, A.V., (Description of a map projector and the explanation of its use). Diagrams, 3) Verification of artificial horizons on the UPK-2 stand proposed by Officer Denisyuk, N. T., in which the author explains how to use the UPK-2 stand for overhaul and verification of the compass UEGP-1 and the artificial horizon AGI-1. A switch PP-45 is mentioned. Diagram.

GURFINKEL', V.S. (Moskva, A-319, 1-y TSvetkovskiy per., d.19, kv.43);
MALKIN, V.B.; TSETLIN, M.L.; KHUDYAKOV, A.V.

Roentgenography of the heart during phases of the cardiac cycle
selected at random. Vest. rent. i rad. 36 no.6:25-28 N-D '61.
(MIRA 15:2)

1. Iz Instituta eksperimental'noy biologii i meditsiny Sibirskogo
otdoleniya AN SSSR i Matematicheskogo instituta imeni V.A.Steklova
AN SSSR. (HEART__RADIOGRAPHY)

GURFINKEL', V.S.; MALKIN, V.B.; TSETLIN, M.L.; KHUDYAKOV, A.V.

Use of bioelectric signals of the heart for the purpose of control.
Vop. nat. i reg. org. krov. i dykh. no.1:33-37 '61. (MIRA 18:7)

KHODYAKOV, Anatoliy Yakovlevich; KAZANTSEV, I., red.; ZHDANOVA, G., tekhn.
red.

[Work and wages in Soviet trade] Trud i zarabotnaia plata v sovetskoi
torgovle. Barnaul, Altaiskoe knizhnoizd-vo, 1960. 37 p.

(MIRA 14:11)

(Wages--Retail trade)

KHUDYAKOV, B. P., SMIRNOV, V. S.

Automobiles

Gas-generator automobile Ural ZIS-352 Avt. trakt. prom. no. 4, April 1952

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.